

ABSTRACT

Provided are a thin film magnetic head having superior overwrite characteristics as well as having a locally minimized pole width and a method of manufacturing the same. A top pole chip comprises a first magnetic film that is a top layer portion of the top pole chip, and a second magnetic film that is a bottom layer portion of the top pole chip. Both the first and second magnetic films are made of a magnetic material having a high magnetic flux density of 1.5 tesla or more. Even when the pole width is locally minimized to about 0.3 μ m or less, the saturation of magnetic flux in the top pole chip can be prevented, and therefore superior overwrite characteristics can be ensured.

09888594-101901